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\*\*\* TX REPORT \*\*\*  
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TRANSMISSION OK

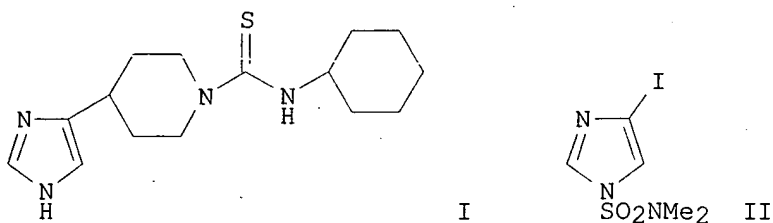
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L19 ANSWER 45 OF 81 CAPLUS COPYRIGHT 2001 ACS  
ACCESSION NUMBER: 1995:965601 CAPLUS  
DOCUMENT NUMBER: 124:175942  
TITLE: Two novel syntheses of the histamine H3 antagonist  
thioperamide  
AUTHOR(S): Lange, Jos H. M.; Wals, Henri C.; van den Hoogenband,  
Adri; van de Kuilen, Aalt; den Hartog, Jack A. J.  
CORPORATE SOURCE: Dep. Med. Chem., Solvay Duphar Res. Lab., Weesp, 1380  
DA, Neth.  
SOURCE: Tetrahedron (1995), 51(48), 13447-54  
CODEN: TETRAB; ISSN: 0040-4020  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 124:175942

Searched by Barb O'Bryen, STIC 308-4291

GI



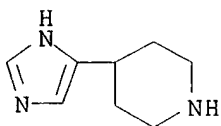
AB The previously described route for the synthesis of the histamine H3 antagonist thioperamide I has been improved considerably. Furthermore, two straightforward novel synthetic routes towards I are described herein. The last synthetic route, using a Grignard reaction of imidazole sulfone II with N-tert-butoxycarbonyl-4-piperidone as the key step, is preferable as it is very suitable for the prodn. of multigram quantities of thioperamide I.

IT 51746-88-4P 173469-30-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of thioperamide)

RN 51746-88-4 CAPLUS

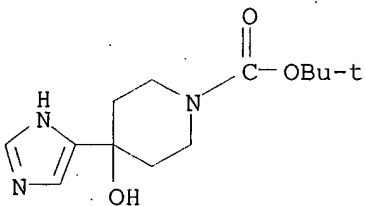
CN Piperidine, 4-(1H-imidazol-4-yl)-, dihydrochloride (9CI) (CA INDEX NAME)



2 HCl

RN 173469-30-2 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-hydroxy-4-(1H-imidazol-4-yl)-,  
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



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ACCESSION NUMBER: 1995:726668 CAPLUS

DOCUMENT NUMBER: 123:198692

TITLE: Design of Potent Non-Thiourea H3-Receptor Histamine

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